



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBE350A94-2706-00-03

Job Sheet 186404



Part No: RBE350A94-2706-00-03

Job Qty: 20 pcs

Part Name: Pin



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/15/18

Job Tracking No:

Due Date: 12/7/18

Created By: Marie Lajeunesse

Type: ~~SOLD~~ *stock*

Description:

Note: DWG RBE350A94-2706-00 REV 6 IPP REV A 18-01-16 NEW ISSUE JFC VERIFIED DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Small Fab - 1	20 pcs	12/7/18		0.00	10.00	Small Fab - 1 <i>XLOAD - 1</i>		<i>AP 2019/03/14</i> <i>Michel</i>
							Small Fab - 2		
							Small Fab - 3		
							Small Fab - 4		
							Small Fab - 5		
							Small Fab - 6		
							Small Fab - 7		
120	QC 5	20 pcs	12/7/18		0.00	0.00	QC 5 - 10		<i>DAS</i> <i>MAR 14 2019 68</i> <i>9-89</i>
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 38		
							QC 5 - 42		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
121	Outsource - 12 - Black Oxide	20 pcs	12/7/18				GRO002-VC	10	<i>03/14/2019 PL</i>
123	Packaging 2-1 - Receive - B4B	20 pcs	12/7/18		0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		



Container No: S162402



Part: RBE350A94-2706-00-03

Job No: 186404

Serial No/Batch: S162402

Revision: 6

Inspector:

Exp Date:

Instructions:

Date: 03/14/19

				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	DP MAR 2 1 2019
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
125	QC 6	20	12/7/18	0.00	0.00
		pcs			
				QC 6 - 38	
				QC 6 - 42	
				QC 6 - 9	
				QC 6 - 68	DAS
				QC 6 - 61	MAR 25 2019 68
					9-89
Plex 1/24/19 2:05 PM Dart.Hadley.Shannon					

127 Small Fab - 2 - B4B	20 pcs	12/7/18	0.00 0.00	Small Fab - 1 - B4B	X LOAD-1	AP 2019/04/03
				Small Fab - 2 - B4B		MCHZ
				Small Fab - 3 - B4B		
				Small Fab - 4 - B4B		
				Small Fab - 5 - B4B		
				Small Fab - 6 - B4B		
				Small Fab - 7 - B4B		
129 QC 5	20 pcs	12/7/18	0.00 0.00	QC 5 - 10		
				QC 5 - 12		
				QC 5 - 17		
				QC 5 - 18		
				QC 5 - 19		
				QC 5 - 22		
				QC 5 - 24		
				QC 5 - 3		
				QC 5 - 38		
				QC 5 - 42		
				QC 5 - 43		
				QC 5 - 49		
				QC 5 - 51		
				QC 5 - 58		
				QC 5 - 68		DAS APR 04 2019 68
				QC 5 - 9		9-89
				QC 5 - 50		
				QC 5 - 30		
130 Packaging 3-1 - Stock - B4B	20 pcs	12/7/18	0.00 0.00	Packaging 3 - 1 - B4B		
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		DAS
				Packaging 3 - 6 - B4B		28
				Packaging 3 - 7 - B4B		9-89
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
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				Packaging 3 - 21 - B4B		
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					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140	QC 21 - SA	20	12/7/18	0.00 0.00	QC 21 - SA - 21	DAG 21
		pcs			QC 21 - SA - 70	9-89 APR 05 2019

Part Op 110 - (Small Fab) -Assemble as per DWG. Sheet 2 -Loctite 680 B M138837 Exp: 11/19
 Descriptions: 120 - (QC5- Inspect part completeness to step on W/O)
 121 - -Issue P/O to Groupe Altech; PO 042898 -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required
 123 - (Receive & Inspect for Damage & Mat'l Certs) Receive
 125 - (QC6- All purchased or subcontracted products)
 127 - (Small Fab) -Fabricate lanyard 6 inch and Assemble as per DWG
 129 - (QC5- Inspect part completeness to step on W/O)
 130 - (Identify as per dwg & Stock Location: _____)
 140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
26 51 3896T31	Ferule 1/16 X 3/8" - Aluminum	40 Ea (2 ea)	110-Small Fab - 1	5093315
91595A142	Dowel Pin Ø3mm x 40mm	20 Ea (1 ea)	110-Small Fab - 1	5122594
CL-2-C	Lanyard Wire	10 ft (.5 ea)	110-Small Fab - 1	5119833
25 141B NAS1756-12	Remove Before Flight	20 Ea (1 ea)	110-Small Fab - 1	5134216
RBE350A94-2706-00-03A	Pin Shaft	20 pcs (1 ea)	110-Small Fab - 1	5133878

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Small Fab - 1	3896T31	40	614	0
	91595A142	20	110	0
	CL-2-C	10	492	0
	NAS1756-12	20	486	0
	RBE350A94-2706-00-03A	20	28	0

Part Specifications

Specifications could not be found.



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Part Name: Pin



Part Weight: 0 lbs

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Note: DWG RBE350A94-2706-00 REV 6 IPP REV A 18-01-16 NEW ISSUE JFC VERIFIED DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	20 Ea		12/7/18	0.00	0.00	Start Up Small Fab-2		
110	Small Fab	20 pcs		12/7/18	0.00	10.00	Small Fab-3		
120	QC	20 pcs		12/7/18	0.00	0.00	QC5		
121	Outsource	20 pcs		12/7/18			GRO002-VC	10	
123	Packaging	20 pcs		12/7/18	0.00	0.00	Packaging2		
125	QC	20 pcs		12/7/18	0.00	0.00	QC6		
127	Small Fab	20 pcs		12/7/18	0.00	0.00	Small Fab-8		
129	QC	20 pcs		12/7/18	0.00	0.00	QC5		
130	Packaging	20 pcs		12/7/18	0.00	0.00	Packaging3-1		
140	QC21-SA	20 Ea		12/7/18	0.00	0.00	QC21		

Part Op 90 - see engineering sign off for lanyard

Descriptions: 110 - Assemble as per DWG. Sheet 2 -Loctite 680 B _____ Exp: _____

121 - Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required

123 - Receive

127 - Fabricate lanyard 6 inch and Assemble as per DWG

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
3896T31	Ferule 1/16 X 3/8" - Aluminum	40 Ea (2 ea)	90-Start up Operation	
91595A142	Dowel Pin Ø3mm x 40mm	20 Ea (1 ea)	90-Start up Operation	
CL-2-C	Lanyard Wire	10 ft (.5 ea)	90-Start up Operation	
NAS1756-12	Remove Before Flight	20 Ea (1 ea)	90-Start up Operation	
RBE350A94-2706-00-03A	Pin Shaft	20 Ea (1 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	3896T31	40	586	0
	91595A142	20	110	0
	CL-2-C	10	501	0
	NAS1756-12	20	242	0
	RBE350A94-2706-00-03A	20	28	0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																			
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OTHER : _____																																																																							

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

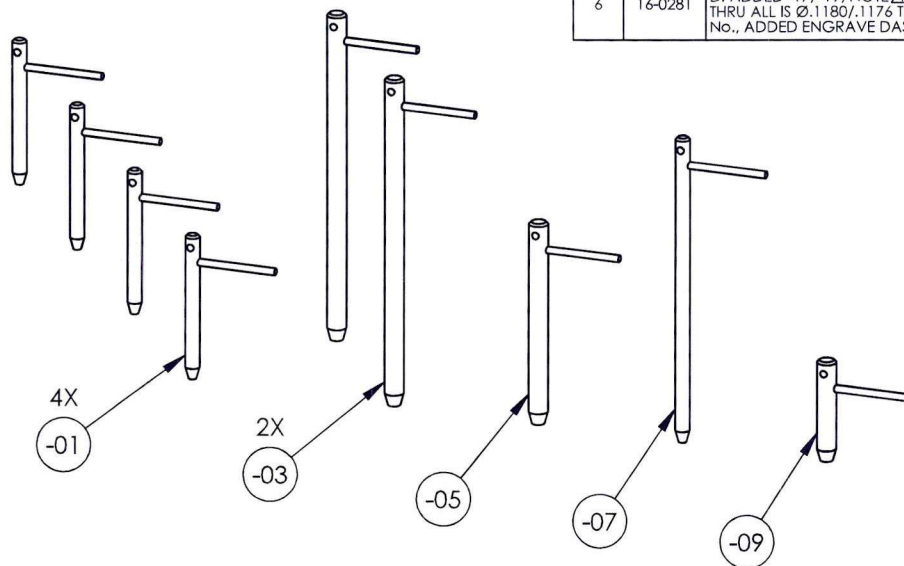
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
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Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		DESIGNED PER HELI PRODUCTS TOOLS.	9/11/2009	WP	DW
2		ADDED ONE MORE -03 PIN, FLAG AND CABLE TIE.	6/14/2010	WP	DW
3		MOVED LENGTH B DIMENSION TO Ø.118in. HOLE CENTERLINE & ADDED 1.5mm TO -01 THRU -09 PINS IN TABLE. ADDED A TOLERANCE TO Ø.118in HOLE TO ACHIEVE A LIGHT PRESS FIT FOR -11. CH'D HOLE FROM Ø.118 TO Ø.113 FOR CABLE TIES. END OF PIN PER S.E.	12/15/2010	RJC	RW
4		CORRECTED PIN VIEW SHEET 1 AND CH'D Ø.113 [Ø2.9mm] HOLE TO Ø.118 [Ø3.0mm] PER G.E.	5/9/2012	RJC	GE
4A		CH'D T/N WAS RBEA94-2706-00 IS RBE350A94-2706-00.	11/6/2013	RJC	RW
5	15-0120	UPDATED TO NEW DRAFTING STANDARDS. CH'D TOLERANCE BLOCK WAS .XXX ± .004 IS .XXX ± .005. ADDED P/N'S -01A, -03A, -05A, -07A, -09A. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	5/26/2015	DPD	JAG
6	16-0281	UPDATED TO DRAFTING STANDARD. -01, -03, -05, -07, -09 ADDED FINISH SPEC QSMI-6.2.2. B.O. REV D. ADDED -17, -19, NOTE Δ. -01A, -03A, -05A, -07A, -09A CH'D DIM WAS 2X Ø.118 +.001/-0.000 THRU ALL IS Ø.1180/.1176 THRU ALL (P.F. -11). ADDED DIM Ø.12 THRU ALL. ADDED ENGRAVE DASH No., ADDED ENGRAVE DASH No. COLUMN TO TABLE.	1/12/2017	RJC	JAG



ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
				X		-01	4	PIN			2
				1		-01A		PIN SHAFT	O-1	Ø6mm X 3 FT (MCMASTER-CARR #88625K65) MODIFIED	3
			X			-03	2	PIN			2
			1			-03A		PIN SHAFT	O-1	Ø8mm X 3 FT (MCMASTER-CARR #88625K67) MODIFIED	3
		X				-05	1	PIN			2
		1				-05A		PIN SHAFT	O-1	Ø8mm X 3 FT (MCMASTER-CARR #88625K67) MODIFIED	3
	X					-07	1	PIN			2
	1					-07A		PIN SHAFT	O-1	Ø6mm X 3 FT (MCMASTER-CARR #88625K65) MODIFIED	3
X						-09	1	PIN			2
1						-09A		PIN SHAFT	O-1	Ø8mm X 3 FT (MCMASTER-CARR #88625K67) MODIFIED	3
1	1	1	1	1	B/O	-11		DOWEL PIN	STEEL	Ø3mm X 40mm (MCMASTER-CARR #91595A142)	2
					B/O	-13	1	RE-SEALABLE PLASTIC BAG		5 IN X 6 IN APPROX.	N/S
A/R	A/R	A/R	A/R	A/R	B/O	-15		LOCTITE 680			2
1	1	1	1	1	B/O	-17		FLAGS, REMOVE BEFORE FLIGHT	NYLON	NAS 1756-12	2
1	1	1	1	1	B/O	-19		CABLE TIE	BLACK NYLON	(MCMASTER-CARR #7189K31)	2
ASSY -09	ASSY -07	ASSY -05	ASSY -03	ASSY -01							

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WITHOUT NOTICE
WORK ORDER
NO. 186404 M-5
18-11-15

DART
AEROSPACE

TITLE
RIGGING PIN SET

DWG NO.	RBE350A94-2706-00		REV	6
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
HEAT	.XXX ± .005 FRACTIONS ± 1/8			
TREAT	.XX ± .01 ANGLES ± 5°			
FINISH	.X ± .1 SURFACES = 125/			
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R			
DRAWN BY:	PERRITT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
CHECKED:	DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
OPPS APPR:	ANDERSON	USED ON MODEL		
QA APPR:	LINDSAY	EUROCOPTER AS350/355		
APPROVED:	GILBERT			
SCALE	1:3	DATE	9/11/2009	SHEET 1 OF 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

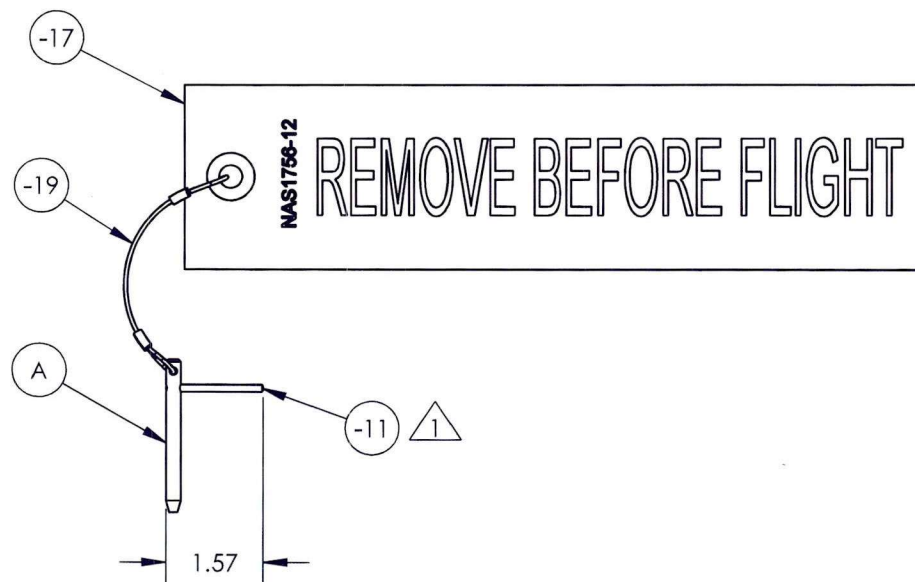
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
6	16-0281	-01, -03, -05, -07, -09 ADDED FINISH SPEC QSMI-6.2.2, B.O. REV D. ADDED -17, -19, NOTE 1.			1/12/2017	RJC	JAG



ASSY P/N	A P/N
-01	-01A
-03	-03A
-05	-05A
-07	-07A
-09	-09A

NOTE:

1 USE LOCTITE 680 TO ASSEMBLE.

-01, -03, -05, -07, -09

PIN

DART AEROSPACE	
TITLE RIGGING PIN SET	
DWG NO. RBE350A94-2706-00-01	REV 6
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
FINISH BLACK OXIDE	.XXX ± .005 FRACTIONS ± 1/8
SPEC QMSI-6.2.2, B.O. REV D	.XX ± .01 ANGLES ± 5°
DRAWN BY: PERRITT	.X ± .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
QA APPR: LINDSAY	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
APPROVED: GILBERT	USED ON MODEL EUROCOPTER AS350/355
SCALE 1:3	DATE 9/11/2009
SHEET 2 OF 3	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

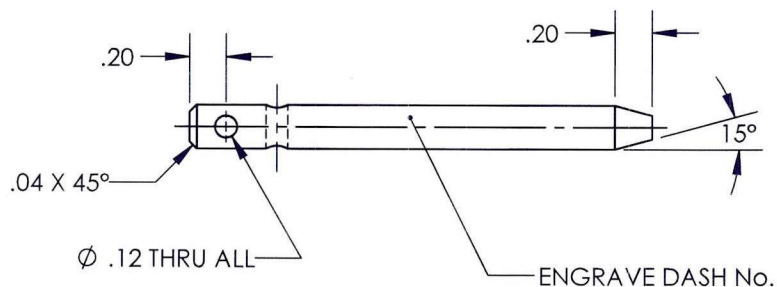
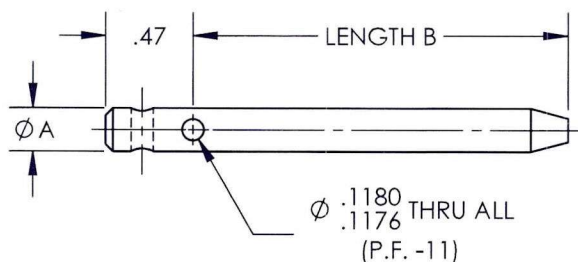
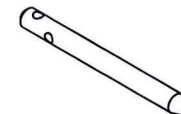
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
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Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER : _____			

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		MOVED LENGTH B DIMENSION TO Ø.118in. HOLE CENTERLINE & ADDED 1.5mm TO -.01 THRU -.09 PINS IN TABLE. ADDED A TOLERANCE TO Ø.118in HOLE TO ACHIEVE A LIGHT PRESS FIT FOR -.11. CH'D HOLE FROM Ø.118 TO Ø.113 FOR CABLE TIES. END OF PIN PER S.E.	5/26/2015	RJC	RW
4	15-0120	CH'D TOLERANCE BLOCK WAS .XXX ± .004 IS .XXX ± .005.	5/26/2015	DPD	JAG
6	16-0281	-01A, -03A, -05A, -07A, -09A CH'D DIM WAS 2X Ø.118 +.001/-.000 THRU ALL IS Ø.1180/.1176 THRU ALL (P.F. -.11). ADDED DIM Ø.12 THRU ALL. ADDED ENGRAVE DASH No., ADDED ENGRAVE DASH No. COLUMN TO TABLE.	1/12/2017	RJC	JAG



-01A, -03A, -05A, -07A, -09A

PIN SHAFT

ENGRAVE	PIN DIMENSION TABLE		
DASH No.	P/N	ØA	LENGTH B
-01	-01A	6mm	2.028
-03	-03A	8mm	5.177
-05	-05A	8mm	3.012
-07	-07A	6mm	4.783
-09	-09A	8mm	1.240

DART AEROSPACE	
TITLE RIGGING PIN SET	
DWG NO. RBE350A94-2706-00-01A	REV 6
MAT'L O-1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE -01, -03, -05, -07, -09	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125°
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EUROCOPTER AS350/355
SCALE 1:1	DATE 9/11/2009 SHEET 3 OF 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Root Cause <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Environment ☐</td> <td style="width: 15%;">No Re-verification ☐</td> </tr> <tr> <td>Design ☐</td> <td>Operator ☐</td> </tr> <tr> <td>Doc/Data ☐</td> <td>Offset/Setup ☐</td> </tr> <tr> <td>Equip/Tooling ☐</td> <td>Supplier ☐</td> </tr> <tr> <td>Handling/Pre ☐</td> <td>Training ☐</td> </tr> <tr> <td>Material ☐</td> <td>Use for Testing ☐</td> </tr> <tr> <td>Internal Transport ☐</td> <td>Poor Information ☐</td> </tr> <tr> <td>Tribal Knowledge ☐</td> <td>Rushing ☐</td> </tr> <tr> <td>LOA ☐</td> <td>Product Improvement ☐</td> </tr> <tr> <td>Substation ☐</td> <td>Process Improvement ☐</td> </tr> <tr> <td>Past Expiry Date ☐</td> <td>Manufacturing Process ☐</td> </tr> <tr> <td>Misidentified ☐</td> <td>Past Due ☐</td> </tr> </table>		Environment ☐	No Re-verification ☐	Design ☐	Operator ☐	Doc/Data ☐	Offset/Setup ☐	Equip/Tooling ☐	Supplier ☐	Handling/Pre ☐	Training ☐	Material ☐	Use for Testing ☐	Internal Transport ☐	Poor Information ☐	Tribal Knowledge ☐	Rushing ☐	LOA ☐	Product Improvement ☐	Substation ☐	Process Improvement ☐	Past Expiry Date ☐	Manufacturing Process ☐	Misidentified ☐	Past Due ☐	FAULT CATEGORY <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Pressure/Forced ☐</td> <td style="width: 15%;">Temperature/Cure ☐</td> <td style="width: 15%;">Power Loss/Surge ☐</td> <td style="width: 15%;">Positioned Wrong ☐</td> </tr> <tr> <td>Bending ☐</td> <td>Set-up ☐</td> <td>Folio/Program ☐</td> <td>Outside Dimensions ☐</td> </tr> <tr> <td>Centre Not Concentric ☐</td> <td>BOM/Route ☐</td> <td>Grain ☐</td> <td>Over/Under tolerance ☐</td> </tr> <tr> <td>Cracks ☐</td> <td>Broken/Damage/Defect ☐</td> <td>Weld ☐</td> <td>Part Incorrect ☐</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave ☐</td> <td>Inspection Incomplete/Unqualified ☐</td> <td>Wrong Stock Pulled ☐</td> <td>Part Lost/Missing ☐</td> </tr> <tr> <td>Cuffs ☐</td> <td>Contamination ☐</td> <td>Out of Sequence ☐</td> <td>Part Moved ☐</td> </tr> <tr> <td>Crushing ☐</td> <td>Countersink ☐</td> <td>Off-set ☐</td> <td>Drawing ☐</td> </tr> <tr> <td>Heat Treat ☐</td> <td>Cut Too Short ☐</td> <td>Mislabeled ☐</td> <td>Finish ☐</td> </tr> <tr> <td>Wave/Twist in Tube ☐</td> <td>Instructions Incomplete/Unclear ☐</td> <td>Fit/Function ☐</td> <td>Misread ☐</td> </tr> <tr> <td>Marks/Chatter ☐</td> <td>Drill Holes ☐</td> <td>Misaligned/off center ☐</td> <td>Turning Sequence ☐</td> </tr> </table>						Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
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OTHER :																																																																							



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042898



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042898

PO Date: 3/14/19

Due Date: 3/19/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	188697	RB6796941-201-4	Adapter -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	-	3/19/19	12 pcs	0 pcs	12 pcs	\$1.98/pcs	\$23.76
Line Item Note ** NEED BACK FOR MARCH 19,2019 **											
2	191306	RBW6521A00138- W142AH-002-3T-1	Ring -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed	-	3/19/19	2 pcs	0 pcs	2 pcs	\$4.20/pcs	\$8.40
Line Item Note ** NEED BACK FOR MARCH 19,2019 **											



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PURCHASE ORDER

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Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	191846	RBW6521A00138-W142AH-002-3T-2	RH Side Bracket -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed	-	3/19/19	4 pcs	0 pcs	4 pcs	\$2.15/pcs	\$8.60

XY

MAR 21 2019

Line Item Note ** NEED BACK FOR MARCH 19,2019 **

4	191847	RBW6521A00138-W142AH-002-3T-3	LH Side Bracket -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed	-	3/19/19	4 pcs	0 pcs	4 pcs	\$2.40/pcs	\$9.60
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XY

MAR 21 2019

DP

Line Item Note ** NEED BACK FOR MARCH 19,2019 **



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Canada

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PURCHASE ORDER

PO042898



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	191309	RBW6521A00138-W142AH-002-3T-4	Top -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed	-	3/19/19	4 pcs	0 pcs	4 pcs	\$2.25/pcs	\$9.00
MAR 21 2019 DP											
Line Item Note ** NEED BACK FOR MARCH 19, 2019 **											
6	191747	RBE350A94-3700-A-01	Tube -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	-	3/19/19	8 pcs	0 pcs	8 pcs	\$3.87/pcs	\$30.96
MAR 21 2019 DP											
Line Item Note ** NEED BACK FOR MARCH 19, 2019 **											
7	191677	RBEVR-L11-0010-002-B-7	Coupling Nut -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed	-	3/21/19	2 pcs	0 pcs	2 pcs	\$0.96/pcs	\$1.92
MAR 21 2019 DP											



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PURCHASE ORDER

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Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
8	189490	RBE1X36-166-807-3	Screw, M5 x .8 X 25 -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; DOM -Certificate of Conformity is required	Firmed -		3/21/19	24 pcs	0 pcs	24 pcs	\$1.11/pcs	\$26.64
				24X							
						MAR 21 2019		DP			
9	191676	RBEVR-L11-0010-002-D-3	Coupling Nut -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed -		3/21/19	4 pcs	0 pcs	4 pcs	\$1.97/pcs	\$7.88
				X4							
						MAR 21 2019		DP			
10	189532	RBE1X56-136-858-19	Bolt Shoulder -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; DOM -Certificate of Conformity is required	Firmed -		3/21/19	6 pcs	0 pcs	6 pcs	\$1.26/pcs	\$7.56
				X6							
						MAR 21 2019		DP			



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PURCHASE ORDER

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Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
11	191878	RBE350A94-3700-B-01	Tube (Outside Processing - Black Oxide) -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed -		3/21/19	2 pcs	0 pcs	2 pcs	\$3.55/pcs	\$7.10
				XZ		MAR 21 2019		DP			
12	185438	RBE350A94-2706-00-01	Pin -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed -		3/21/19	38 pcs	0 pcs	38 pcs	\$1.50/pcs	\$57.00
				X38		MAR 21 2019		DP			
13	186407	RBE350A94-2706-00-09	Pin -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed -		3/21/19	19 pcs	0 pcs	19 pcs	\$1.55/pcs	\$29.45
				X19		MAR 21 2019		DP			
14	186404	RBE350A94-2706-00-03	Pin -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed -		3/21/19	20 pcs	0 pcs	20 pcs	\$1.50/pcs	\$30.00
				X20		MAR 21 2019		DP			
Grand Total:										\$257.87	

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Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042898



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

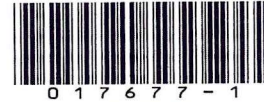
Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

A handwritten signature in black ink, likely belonging to Patrick Lussier, is written over the bottom right of the Order Notes section.

Plex 3/18/19 2:59 PM dart.Lussier.Patrick



Certificat de Conformité / Certificate of Compliance



0 1 7 6 7 7 - 1

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupealtech.com

Bon de Livraison / Packing Slip

017677- 1

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
21-Mar-2019		Shankar Anand		042898				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RB6796941-201-4 Rev.	PLUG BLACK OXIDE MIL-C-13924C CLASS 1	BLACK-OXIDE CH	11	11	0	0	0
2	RBW6521A00138-W142AH-002-3T-1 Rev.	RBW6521A00138-W142AH-002-3T-1 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL WIPE OFF EXCESS OIL	OXIDE-BLACK CH	2	2	0	0	0
3	RBW6521A00138-W142AH-002-3T-2 Rev.	RBW6521A00138-W142AH-002-3T-2 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL WIPE OFF EXCESS OIL	OXIDE-BLACK CH	4	4	0	0	0
4	RBW6521A00138-W142AH-002-3T-3 Rev.	RBW6521A00138-W142AH-002-3T-3 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL WIPE OFF EXCESS OIL	OXIDE-BLACK CH	4	4	0	0	0
5	RBW6521A00138-W142AH-002-3T-4 Rev.	RBW6521A00138-W142AH-002-3T-4 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL WIPE OFF EXCESS OIL	OXIDE-BLACK CH	4	4	0	0	0
6	RBE350A94-3700-A-01 Rev.	RBE350A94-3700-A-01 01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	BLACK-OXIDE CH	8	8	0	0	0
7	RBEVR-L11-0010-002-B-7 Rev.	RBEVR-L11-0010-002-B-7 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL WIPE OFF EXCESS OIL	BLACK-OXIDE CH	2	2	0	0	0
8	RBE1X36-166-807-3 Rev.	RBE1X36-166-807-3 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL WIPE OFF EXCESS OIL	OXIDE-BLACK CH	24	24	0	0	0
9	RBEVR-L11-0010-002-D-3 Rev.	RBEVR-L11-0010-002-D-3 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL WIPE OFF EXCESS OIL	OXIDE-BLACK CH	4	4	0	0	0

bags/parts

switched verified with drawings
 same parts same dimensions



Certificat de Conformité / Certificate of Compliance



0 1 7 6 7 7 - 1

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
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Bon de Livraison / Packing Slip

017677- 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
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21-Mar-2019		Shankar Anand		042898				
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10	RBE1X56-136-858-19 Rev.	RBE1X56-136-858-19 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL WIPE OFF EXCESS OIL	OXIDE-BLACK CH	6	6	0	0	0
11	RBE350A94-3700-B-01 Rev.	RBE350A94-3700-B-01 01 -BLACK OXIDE ON SST MIL-DTL-13924C CLASS 1	BLACK-OXIDE CH	2	2	0	0	0
12	RBE350A94-2706-00-01 Rev.	RBE350A94-2706-00-01 01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	OXIDE-BLACK CH	38	38	0	0	0
13	RBE350A94-2706-00-09 Rev.	RBE350A94-2706-00-09 01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	OXIDE-BLACK CH	19	19	0	0	0
14	RBE350A94-2706-00-03 Rev.	RBE350A94-2706-00-03 01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	BLACK-OXIDE CH	20	20	0	0	0

DAS
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Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.